



Procedure for Event Refitting (Bookkeeping)

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“Cat 3” Events

- We have begun a re-analysis of the Cat 3 events for Period 4.
- The events have been reprocessed using the new fiducial fiber maps supplied by Okada.
- Also a number of significant updates to the tracking code have been made.
- We are now ready to begin the interactive refitting of these events.

Directory and File Structure

- First 50 events to be refit can be found in the directory :
/usr/space/data/cat3/period_4
- Each team should begin with the first 10 events.
 - Completed events should be deposited into the directory :
/usr/space/data/refit/input
 - Event names should include the initials of the refitter :
XXXX_YYYYY.rft_ZZ

Intermediate Summary Files

- Events which are deposited into the “~/refit/input” directory, will be run through a procedure which generates an intermediate summary file.
- Each refit event will then have an associated summary file named :
XXXX_YYYYYY.isf_ZZ
- Refitting teams must then get together and go over the results of the .isf files; the team must reconcile any significant discrepancies found in the refit of the event.

~refit/input → ~refit/output

- When a team has “agreed” on the refit of an event they should notify the “refit coordinator” (me for now, but I will do some training).
- The refit coordinator will move the event into the refit/output directory and produce a final .isf file for the event.
- We will try to send refit events to Nagoya in groups of 20.

Event Assignments

- All teams should do the first 10 events.
- Once the teams understand the procedure and how they are going to work out their own processing logistics they will notify me.
- I will then “assign” them their formal set of events.
- We have 5 teams and need to process ~ 400 period 4 events, so each team will be getting 80 events. These will be “assigned in batches of 20.

Teams

- Team 1 - BL, PB
- Team 2 - BB, JS
- Team 3 - VP, AK
- Team 4 - CE, JT
- Team 5 - RS, MG

The first person is designated as the team captain and should be the person who communicates with the refit coordinator.